
Pacific Northwest Tribal Climate Change Network: Draft Conference Call Notes – March 16, 2016

Call Participants:

- Gustavo Bisbal, Northwest Climate Science Center
- Central Council of the Tlingit and Haida Indian Tribes of AK
- Robert Compton, Bureau of Indian Affairs
- Kelly Coates, Cow Creek Band of Umpqua Tribe of Indians
- Laura Gephart, Columbia River Intertribal Fish Commission
- Eliza Ghitis, Northwest Indian Fisheries Commission
- Dawn Grebner, Naval Undersea Warfare Center
- George Hart, Navy Region NW
- Scott Hauser, Upper Snake River Tribes Foundation
- Margaret Herzog, Bureau of Indian Affairs
- Willow Hetrick, Chugach Regional Resources Commission
- Jennifer Lennon, Sauk Suiattle Tribe
- Kathy Lynn, University of Oregon
- Amelia Marchand, Confederated Tribes of the Colville Reservation
- Alicia Marrs, NOAA NIDIS
- Guillaume Mauger, Climate Impacts Group
- Paul McCollum, Port Gamble S’Klallam Tribe
- Don Motanic, Intertribal Timber Council
- Gary Morishima, Quinault Indian Nation
- Ryan Murphy, Point no Point Treaty Council
- Cindy Pearce, Mountain Labyrinths
- Sascha Peterson, Adaptation International
- Noel Plemmons
- David Redhorse, Bureau of Indian Affairs
- Cynthia Rossi, Point no Point Treaty Council
- Amber Schultz-Oliver, Ecotrust
- Carson Viles, University of Oregon
- Ann Wyatt, Klawock Tribe
- Kevin Zerbe, Cascadia Consulting

Table of Contents

Meeting Notes	2
California Adaptation Forum Call for Proposals.....	2
Tribal Climate Camp – June 19-25, 2016	2
Bureau of Indian Affairs (BIA) Tribal Climate Resilience Program (TCRP)	2
Chugach Regional Resource Commission Climate Change Workshop.....	3
Institute for Tribal Environmental Professionals Tribal Climate Change Training	3
4th Climate Change and Indigenous Peoples Symposium at the University of Oregon	4
Announcements.....	4
Media and Publications.....	5
Upcoming Events	5
Quick Links	9
Newsletters and Calendars	10

Upcoming PNW Tribal Climate Change Network Conference Call Dates

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| <ul style="list-style-type: none"> • April 20, 2016 • May 18, 2016 • June 15, 2016 • July 20, 2016 • August 17, 2016 | <ul style="list-style-type: none"> • September 21, 2016 • October 19, 2016 • November 16, 2016 • December 21, 2016 |
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Call-in Information:

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| <ul style="list-style-type: none"> • Call Time: 10:00 am Pacific • Call-in #: 1-888-844-9904 • Pass code: 5064716 | <ul style="list-style-type: none"> • Adobe Connect web meeting: http://oregonstate.adobeconnect.com/tribalclimate/ |
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Meeting Notes

California Adaptation Forum Call for Proposals

The 2nd California Adaptation Forum will take place September 7-8, 2016 in Long Beach, CA and will feature plenaries with high-level government, business and community leaders, breakout sessions on essential adaptation topics that reflect the diverse needs and challenges facing California, regional project tours highlighting adaptation efforts in Southern California and a pre-forum workshops on tools and strategies for implementing adaptation solutions. [Call for Proposals: 2nd California Adaptation Forum](#). The [Local Government Commission](#), in partnership with the [State of California](#), is conducting a formal Call for Session Proposals (CFSP) for the 2nd [California Adaptation Forum](#) to be held in September 2016. Submission deadline is [April 3, 2016](#). Forum organizers are looking for dynamic and engaging session proposals that help to galvanize commitment and catalyze action among adaptation leaders throughout California. For more information, visit: <http://www.californiaadaptationforum.org/cfsp/>.

Sascha Peterson with Adaptation International provided information on the upcoming California Adaptation Forum (September 7-8, 2016). There is a strong California focus, but Sascha hopes to bring in lessons learned and opportunities from other regions. The Forum has also set a goal to bring 1000 people this year. Last year there wasn't a strong tribal participation, which is in contrast to the National Adaptation Forum—Sascha stated his hope that tribal communities will have more opportunities to participate this year. The call for session proposals is open until April 3rd, and is available [here](#). Opportunities include panels, lectures, etc. The panel is California-centric, so finding ways to connect issues from across different tribal nations to issues in California is a must.

Kathy asked if the planning committee is still looking for plenary speakers. Sascha answered that applications for plenary speakers and panels are both still being considered. He advocated for submitting panels, as they are an easy piece of programming for the planning committee to accept and work with. Sascha also described that there are currently plans to create 30-40 scholarships for tribal participants, but these discussions are still underway. Funding will shortly become available.

Tribal Climate Camp – June 19-25, 2016

Gustavo Bisbal, Director of the Northwest Climate Science Center (NW CSC), shared information about the 2016 Tribal Climate Camp. This is being developed in the model of the NW CSC Climate Change Bootcamp. Support for this event has come through a joint effort between the Affiliated Tribes of Northwest Indians (ATNI) and the United South and Eastern Tribes (USET) and funding support from the Bureau of Indian Affairs Climate Change Program. The Tribal Climate Camp will take place at University of Idaho in McCall from June 19-25 2016. The curriculum/agenda is currently being developed. The camp will host 20-25 tribal delegates with the aim of offering tribal science training and fostering networks to promote climate leadership in tribal communities. More information will be made available soon. Questions about the Tribal Climate Camp can be directed to member of the organizing committee, including [Arwen Bird](#), [Steve Daley-Larsen](#), [Gustavo Bisbal](#), or [Don Sampson](#).

Bureau of Indian Affairs (BIA) [Tribal Climate Resilience Program \(TCRP\)](#)

The Bureau of Indian Affairs (BIA) [Tribal Climate Resilience Program \(TCRP\)](#) is conducting *Region-by-Month* outreach for both the [BIA NW Region](#) and the [BIA AK Region](#) this month, which includes several ways for Tribes, Intertribal Groups, and Climate Partners to participate:

- 1) Please **review the draft** [Tribal Climate Resilience Resource Guide \(TCR\)](#)

RG) at <http://toolkit.climate.gov/tribal/>

[You may also access the system from the *Program Products* section in side-bar of the [TCRP website](#)]:

- your [Tribal \(Tab 1\)](#) Fact Sheet
- Tribal College or University [TCU \(Tab 2\)](#) Fact Sheet
- or [Intertribal \(Tab 3\)](#) Fact Sheet
- (Type a few letters from the name in the Quick Filter to reach it fast)

2) Contact Margaret Herzog, BIA TCRP IT/GIS Systems and Services, **with changes or other feedback** to item (1) or other Tribes and Climate Resource pages in the system, such as the [BIA NW Region](#) and the [BIA AK Region](#) or related [Agency Fact Sheets](#):

- margaret.herzog@bia.gov
- Office 720-484-3353,
- Cell 720-630-3817
- or enter feedback directly in the [TCR RG Feedback Form](#)

3) Suggest your Group or a Topic to schedule a **targeted webinar** to review federal-wide Tribes & Climate Systems including:

- [CRT Tribal Nations Topic, Cases, & Tools](#),
- [CDI Tribal Nations Theme Data & Maps](#),
- the [TCR RG](#),
- a regional climate map and impacts,
- and additional climate data acquisition and mapping services
- (You may also suggest federal and academic expert presenters you'd like included)

4) Sign-up for a **1on1 WebEx** for your Tribe or Group to discuss more targeted technical support

5) Indicate **interest in participating** in a focus-area pilot for your region to better coordinate efforts across federal agencies and regional and tribal staff and partners:

- AK - coastal erosion or subsistence resources,
- NW - forest health or pro-active emergency management

Chugach Regional Resource Commission Climate Change Workshop - March 18th in Anchorage, AK

This workshop is being held in Anchorage by the Chugach Regional Resources Commission on March 18th, 2016 at the Change Point Church (6689 Changepoint Dr, Anchorage, AK 99518) from 9:00am to 4:15pm. The workshop includes guest speakers from the Kenai National Wildlife Refuge, the Kachemak Bay National Estuarine Research Preserve, the Alaska Center for Climate Assessment & Policy, legal experts, and Alaska Native Tribal Health Consortium, Healthy Village Environment Program. The desired outcomes of the meeting include: education, capturing questions, concerns, and most importantly, capturing traditional ecological knowledge relating to climate change. We want the people of the Chugach region to leave feeling hopeful that they have a voice and tools to move forward with climate change adaptation planning. If you have any questions, contact Willow Hetrick at salixak@gmail.com or [907-330-9085](tel:907-330-9085).

Institute for Tribal Environmental Professionals Tribal Climate Change Training

ITEP offers training to tribal environmental professionals to build their capacity to address climate change issues. The courses are taught by instructional teams that include staff from ITEP, federal agencies, universities, and/or organizations, and most importantly, the tribes themselves, who share

their expertise and experience. Upcoming events include trainings in Anchorage, AK (April 19-21), Fort Hall, ID (April 26-28), and Pala, CA (June 7-9). For more information, visit:

http://www7.nau.edu/itep/main/Training/training_cc

4th Climate Change and Indigenous Peoples Symposium at the University of Oregon

The University of Oregon will host the 4th Climate Change and Indigenous Peoples Symposium on **Monday, April 25, 2016** at 6:30 pm at the University of Oregon in the Many Nations Longhouse. Keynote speakers are Maxine Burkett, William S. Richardson School of Law at the University of Hawai'i at Manoa and Elizabeth Kronk Warner, University of Kansas School of Law. More information is available here: <http://ccip.uoregon.edu>.

Announcements

Bureau of Indian Affairs – [Forestry and Fire Internships](#)

The Bureau of Indian Affairs is the lead agency for the United States in carrying on a government-to-government relationship with the tribal nations. A challenging and dynamic place to work, it enhances the quality of life, promotes economic opportunity, and carries out the responsibility to protect and improve the trust assets of American Indians, Indian tribes and Alaska Natives. This position is being filled under the Pathways Internship Program that is designed to attract students with paid opportunities to work in agencies and explore Federal careers while still in school.

The Pathways Internship Program is a streamlined program, which replaces the Student Education Employment Program (SEEP) by consolidating the Student Career Experience Program (SCEP) and the Student Temporary Employment Program (STEP). The Program is designed to attract students enrolled in a wide variety of educational institutions (high school, home-school programs, vocational and technical, undergraduate and graduate) with paid opportunities to work in agencies and explore Federal careers while still in school. This program exposes students to jobs in the Federal civil service by providing meaningful development work at the beginning of their career, before their career paths are fully established. These positions are expected to begin **SUMMER 2016**. Positions to be filled are Student Trainees in Forestry. More information is available here:

<https://www.usajobs.gov/GetJob/ViewDetails/429713100>

EPA Course: Understanding Climate Change Impacts on Water Resources.

This training module is designed to increase your understanding of the causes of climate change, its potential impacts on water resources, and the challenges water resource managers are facing. The course contains three parts, which will take about 45 minutes to complete. Optional supplementary information on climate change impacts in the United States is included at the end of the course if you are interested in more details.

<http://www.epa.gov/watershedacademy/understanding-climate-change-impacts-water-resources>

Atmospheric Trust Litigation – Our Children's Trust

On March 9th, the 21 youth appellants in a constitutional climate change lawsuit against the federal government in the U.S. District Court convened in Eugene, Oregon. Their Complaint alleges "the Federal Government is violating the youth's constitutional rights by promoting the development and use of fossil fuels." For more information, visit <http://ourchildrenstrust.org/us/federal-lawsuit>. News articles about the court case are listed here: <http://ourchildrenstrust.org/news>.

Media and Publications

Across the Board Increases for Obama's Indian Country Budget

"President Barack Obama submitted his Fiscal Year 2017 proposal to Congress yesterday, and the budget has increased funding and support across the board for Indian country." Read more at <http://indiancountrytodaymedianetwork.com/2016/02/10/across-board-increases-obamas-indian-country-budget-163371>

Biloxi-Chitimacha-Choctaw Get \$48 Million to Move Off of Disappearing Louisiana Island.

"...the U.S. Department of Housing and Urban Development (HUD) announced in January that it had awarded the state-recognized tribe \$48 million to pay for a move, most likely farther north inland, making them the first community of official climate refugees in the United States."

Read more at <http://indiancountrytodaymedianetwork.com/2016/02/05/biloxi-chitimacha-choctaw-get-48-million-move-disappearing-louisiana-island-163310>

Faces Behind Figures: A Counter Narrative of the Refugee Crisis

<https://hazards.colorado.edu/article/faces-behind-figures-a-counter-narrative-of-the-refugee-crisis>

Ecologically-Relevant Maps of Landforms and Physiographic Diversity for Climate Adaptation Planning

Abstract: Key to understanding the implications of climate and land use change on biodiversity and natural resources is to incorporate the physiographic platform on which changes in ecological systems unfold. Here, we advance a detailed classification and high-resolution map of physiography, built by combining landforms and lithology (soil parent material) at multiple spatial scales. We used only relatively static abiotic variables (i.e., excluded climatic and biotic factors) to prevent confounding current ecological patterns and processes with enduring landscape features, and to make the physiographic classification more interpretable for climate adaptation planning. We generated novel spatial databases for 15 landform and 269 physiographic types across the conterminous United States of America. We examined their potential use by natural resource managers by placing them within a contemporary climate change adaptation framework, and found our physiographic databases could play key roles in four of seven general adaptation strategies. We also calculated correlations with common empirical measures of biodiversity to examine the degree to which the physiographic setting explains various aspects of current biodiversity patterns. Additionally, we evaluated the relationship between landform diversity and measures of climate change to explore how changes may unfold across a geophysical template. We found landform types are particularly sensitive to spatial scale, and so we recommend using high-resolution data- sets when possible, as well as generating metrics using multiple neighborhood sizes to both minimize and characterize potential unknown biases. We illustrate how our work can inform current strategies for climate change adaptation. The analytical framework and classification of landforms and parent material are easily extendable to other geographies and may be used to promote climate change adaptation in other settings. To download the article, [click here](#).

Upcoming Events

March 16-April 6, 2016. [NASA's Applied Remote Sensing Training \(ARSET\) Program](#). Course Dates: Four 1-hour sessions, each Wednesday from *March 16 - April 6, 2016*. [Advanced Webinar on Using NASA Remote Sensing for Flood Monitoring and Management](#). This webinar will provide demonstrations and hands-on experience in using NASA remote sensing observations and flood mapping tools useful for flood management. Participants will learn to access rainfall, streamflow, and surface inundation extent data for regional flood cases. In addition, participants will learn to access digital elevation and terrain

data, as well as socioeconomic data, to facilitate flood risk assessment and post-flood relief planning using a GIS framework. Attendees will learn how to use NASA remote sensing data for flood management from planning pre-flood monitoring to post-flood relief activities. Intended Audience: This webinar is aimed at public and private entities - both national and international - involved in disaster and water resource management, decision support activities, and humanitarian and relief activities. Prerequisites: In order to gain the most instruction from this advanced training, we suggest you become familiar with the terminology, satellites and data sets that are used in flood management. To do so, please view the recordings from [Week 1](#), [Week 2](#), and [Week 3](#) from the previous webinar [NASA Remote Sensing Observations for Flood Management](#) prior to the first session on March 16. If you are interested in receiving a certificate of completion for this training, [please submit the first homework](#) that covers these remote sensing and flood related concepts by March 15. Registration: *This webinar is free and open but you must register. For more information about the ARSET program and the webinar please visit our website: [NASA ARSET](#).*

March 18, 2016. Chugach Regional Resource Commission Climate Change Workshop, Anchorage, AK. This workshop is being held in Anchorage by the Chugach Regional Resources Commission on March 18th, 2016 at the Change Point Church (6689 Changepoint Dr, Anchorage, AK 99518) from 9:00am to 4:15pm. The workshop includes guest speakers from the Kenai National Wildlife Refuge, the Kachemak Bay National Estuarine Research Preserve, the Alaska Center for Climate Assessment & Policy, legal experts, and Alaska Native Tribal Health Consortium, Healthy Village Environment Program. The desired outcomes of the meeting include: education, capturing questions, concerns, and most importantly, capturing traditional ecological knowledge relating to climate change. We want the people of the Chugach region to leave feeling hopeful that they have a voice and tools to move forward with climate change adaptation planning. If you have any questions, contact Willow Hetrick at salixak@gmail.com or [907-330-9085](tel:907-330-9085).

March 23, 2016. 10 am Pacific. Webinar: [The Importance of Traditional Ecological Knowledge in Adaptation Planning](#). Join us March 23, 2016, 1PM EST/ 10AM PST for the quarterly National Adaptation Forum Webinar to learn about the importance of Traditional Ecological Knowledge (TEK) in climate adaptation planning. TEK is knowledge handed down through generations through traditional stories and beliefs, including the relationship with the natural environment. This webinar will focus on the importance and role of TEK in adaptation planning at local, regional, and national level. Presenters are: Margaret Hiza Redsteer, US Geological Survey, Preston Hardison, Policy Analyst, Tulalip Natural Resources, and Kyle Powys Whyte, Timnick Chair in the Humanities, Michigan State University. page: <http://nationaladaptationforum.org/other-adaptation-events/webinars/importance-traditional-ecological-knowledge-adaptation-planning>

March 22-24, 2016. [14th Annual Climate Prediction Applications Science Workshop](#). Burlington, VT. The 14th Annual Climate Prediction Applications Science Workshop (CPASW) will bring together a diverse group of climate researchers, information producers, and users to share developments in the research and applications of climate predictions for societal decision-making. The 2016 CPASW is hosted by the NOAA National Weather Service Climate Services Branch, University of Vermont, and other climate services partners. <http://www.uvm.edu/~cpasw/>

March 23-26, 2016. Conference, [Northwest Scientific Association Annual Meeting](#). Bend, OR. Special Sessions include a Fire Symposium, Historical and Pre-Historical Ecosystem Baselines, Convergence of Arts, Humanities, and Ecology in the Inspiring Wildlands of the Northwest, Lichen & Bryophyte Ecology and a Workshop on Rare, Threatened, Endangered Lichens East of the Cascades.

March 28 – May 5, 2016. [Climate Adaptation and Emergency Mitigation Planning for Alaskan Communities](#). Online Training offered by the Water Policy Consulting, LLC. This six week on-line training is intended for environmental professionals, policy makers and community members in Alaska who are involved in climate change adaptation and emergency mitigation planning in their community. <http://www.waterpolicyconsulting.com/>

March 29, 2016. 11 am – 12 pm Pacific. Webinar: [Grassland Vulnerability to Climate Change in Southwest Deserts](#). Offered by the Southern Rockies Landscape Conservation Cooperative. Climate change predictions include warming and drying trends, which are expected to be particularly pronounced in the southwestern United States. In this region, grassland dynamics are tightly linked to available moisture, yet it has proven difficult to resolve what aspects of climate drive vegetation change. <http://southernrockieslcc.org/webinar/march-29-webinar-grassland-vulnerability-to-climate-change-in-southwest-deserts/>

March 28 – May 5, 2016. [Climate Adaptation and Emergency Mitigation Planning for Alaskan Communities](#). Online Training offered by the Water Policy Consulting, LLC. This six week on-line training is intended for environmental professionals, policy makers and community members in Alaska who are involved in climate change adaptation and emergency mitigation planning in their community. <http://www.waterpolicyconsulting.com/>

April 4-7, 2016. Conference: [Fortieth Annual National Indian Timber Symposium](#), San Carlos, AZ. Offered by the Intertribal Timber Council and hosted by the San Carlos Apache Tribe. The symposium will offer field trips, workshops, panels, and featured speakers addressing the theme, "Strengthening Traditional Connections to the Land: The Future of Forest Management." http://www.itcnet.org/issues_projects/projects_2/symposium.html

April 5, 2016. 11:00 – 12:00 pm Pacific. [Freshwater discharge into the Gulf of Alaska: historical conditions and future scenarios](#). Dr. David Hill, Associate Professor, Oregon State University. Freshwater discharge into the Gulf of Alaska (GOA) is controlled by a complex set of meteorologic and hydrologic processes. We use high resolution energy-balance models to determine the timing, spatial distribution, and composition (rain, snow-melt, ice-melt) of runoff from the entire GOA watershed. Model results demonstrate good agreement with GRACE satellite data in terms of annual amplitudes and long term losses (ice loss). We use a set of climate models and future emissions scenarios in order to test the sensitivity of the hydrologic system to changes in precipitation and temperature patterns. Initial results demonstrate large changes in runoff characteristics. [Register here.](#)

April 12, 2016. Conference: [2016 National Watershed & Stormwater Conference](#). Sacramento, CA. Offered by the Center for Watershed Protection. Join for a unique conference uniting in person discussion with online participation that concurrently addresses local and national watershed issues and tools. <https://cwp.org/2016-national-watershed-stormwater-conference/>

April 13, 2016. 11 am Pacific. [Environmental Code Development for Alaska Natives](#). *Presentation by Toby Thaler, Policy Director, Model Forest Policy Program/Climate Solutions University.* Presentation focusing on policy tools available to Tribal communities in Alaska to further their goals of long term resilience to climate and other stressors, while at the same time promoting Tribal sovereignty and strengthening their ability to participate in government to government relationships with state and local agencies. One such tool—adoption of environmental and resource codes—will be explored in some depth including use of examples from communities around the country. *Presentation by Toby*

Anungazuk, IGAP Program Manager, Chinik Eskimo Community. Presentation will focus on the risks presented to local communities from the transshipment and storage of hazardous waste. In rural Alaska there are often no alternative to the use of Native village marine transshipment facilities. With increasing risks of storm surges causing flooding and spills, it is incumbent on Tribal governments to develop their own environmental laws to protect their communities. These laws must be developed in collaboration with affected state and federal agencies, and the owners of transshipped hazardous materials. This webinar is part of the [Alaska Policy & Climate Adaptation Webinar Series](#).

April 19-21, 2016. Tribal Climate Change Adaptation Training. Anchorage, AK. Hosted by the Institute for Tribal Environmental Professionals and in collaboration with the Alaska Native Tribal Health Consortium. This course provides an introduction to planning for climate change impacts, with examples of tribes that have been going through the adaptation planning process. The course is intended for tribal environmental and natural resource professionals who expect to be involved in climate change adaptation planning. Since the course will focus on climate change impacts in the region, we especially encourage people from the region to attend. More information about the course is available here: <http://www7.nau.edu/itep/main/docs/training/cc/Ancmt-CCAdaptAK-1604.pdf>.

April 25, 2016. Symposium: 4th Climate Change and Indigenous Peoples Symposium. Eugene, OR. The University of Oregon will host the 4th Climate Change and Indigenous Peoples Symposium on Monday, April 25, 2016 at the Many Nations Longhouse. Keynote speakers are Maxine Burkett, William S. Richardson School of Law at the University of Hawai'i at Manoa and Elizabeth Kronk Warner, University of Kansas School of Law. More information is available here: <http://ccip.uoregon.edu>.

April 26-28, 2016. Tribal Climate Change Adaptation Training. Fort Hall, ID. Hosted by the Institute for Tribal Environmental Professionals. This course provides an introduction to planning for climate change impacts, with examples of tribes that have been going through the adaptation planning process. The course is intended for tribal environmental and natural resource professionals who expect to be involved in climate change adaptation planning. Sin More information about the course is available here: http://www7.nau.edu/itep/main/Training/training_ccAdaptPlng

May 3-5, 2016. Training: [Climate Change Science and Communication in the Pacific West](#), San Francisco, CA. Offered by the NPS, NASA and USFWS. This free, in-person workshop-style course will provide you with a foundation in climate science with emphasis on the connection of global to local processes and on climate impacts of direct relevance to western coastal states.

May 3-5, 2016. [3rd Sea-Level Rise Summit: Connected Futures from Alaska to Florida](#). Fort Lauderdale, FL. Offered by the Florida Center for Environmental Studies at Florida Atlantic University. The meeting will convene leading researchers, decision-makers, and other interested stakeholders to discuss the state of sea level rise science, and how public policy and private adaptation efforts can lessen the impacts everywhere. Discussions will revolve around the following topic areas: Human health, Infrastructure, Ecosystems & Water, Society & Economy, Governance, and National Security & International Response. <http://www.ces.fau.edu/arctic-florida/>

May 3-6, 2016. Course: [Indoor Air Quality Diagnostic Tools for Alaska](#). Palmer, Alaska. *This course is open to Alaska Native Village staff only.* Pre-registration date: April 5, 2016. Course Description: This Level 2 course will bring together village environmental, housing, and facilities staff to learn how to use diagnostic equipment as a tool to assess indoor air quality (IAQ). After completing this course,

participants will be able to use diagnostic equipment and interpret data to assess a home and educate the occupants about a healthful indoor environment. The course is structured as an intensive training that uses multiple approaches to learning: lecture/discussion, hands-on, and site visits.

http://www7.nau.edu/itep/main/Training/training_aq_iaqdtak

May 9-11, 2016. Training: [Adaptation Forum Workshops in the Four-Corners and Upper Rio Grande Basin](#). Albuquerque, NM. Offered by the Southern Rockies Landscape Conservation Cooperative. Workshops will be arranged around delivering and developing relevant science and decision support tools for the practitioner based on previous and ongoing SRLCC projects. <http://southernrockieslcc.org/>

May 17, 2016. Conference: [Fourth Ocean Climate Summit](#). San Francisco, CA. This summit will offer events on resilience through climate-smart conservation. http://californialcc.org/sites/default/files/2016_OceanClimateSummit_SaveTheDate.pdf

May 17-19, 2016. [National Tribal Forum on Air Quality \(NTF\)](#). Niagara Falls, NY. The purpose of the NTF is to provide environmental professionals from tribes, EPA, and other organizations an opportunity to meet and discuss current policies, regulatory initiatives, funding, and technical topics in air quality. The NTF is a cooperative endeavor co-sponsored by The Institute for Tribal Environmental Professionals (ITEP) and the National Tribal Air Association (NTAA), made possible by funding from US EPA and sponsorships from the entities listed below. For information on giving a presentation or a poster, or being part of the Eco-Café Exhibit and Networking Session, visit: http://www7.nau.edu/itep/main/Conferences/confr_ntf and click on “presenters.”

May 2016. 11 am Pacific. [Water Policy & Climate Change for Alaska Natives](#). Presentation by Robert Anderson, Oneida Indian Nation Visiting Professor Harvard Law School. Provides environmental professionals and Alaska Native communities with an overall understanding of how water policies, regulation, and laws apply to Alaska Native communities and can be utilized to find solutions to environmental challenges. This webinar is part of the [Alaska Policy & Climate Adaptation Webinar Series](#).

June 7-9, 2016. [Tribal Climate Change Adaptation Training](#). Pala, CA. Hosted by the Institute for Tribal Environmental Professionals. This course provides an introduction to planning for climate change impacts, with examples of tribes that have been going through the adaptation planning process. The course is intended for tribal environmental and natural resource professionals who expect to be involved in climate change adaptation planning. More information this training and how to register will be made available on the ITEP website soon: http://www7.nau.edu/itep/main/Training/training_cc.

September 7-8, 2016. [California Adaptation Forum](#). Long Beach, California. The 2016 California Adaptation Forum will feature: A series of plenaries with high-level government, business and community leaders, A variety of breakout sessions on essential adaptation topics that reflect the diverse needs and challenges facing California, Regional project tours highlighting adaptation efforts in Southern California, Pre-forum workshops on tools and strategies for implementing adaptation solutions, and Numerous networking opportunities where participants can share insights, best practices and lessons learned about how to most effectively respond. <http://www.californiaadaptationforum.org/>

Quick Links

- [PNW Tribal Climate Change Project & Online Funding Guide](#)

- [Institute for Tribal Environmental Professionals \(ITEP\) Tribes and Climate Change Program](#)
- [Columbia River Intertribal Fish Commission](#)
- [Northwest Indian Fisheries Commission](#)
- [Affiliated Tribes of Northwest Indians](#)
- [Alaska Native Tribal Health Consortium LEO Network](#)
- [U.S. Climate Resilience Toolkit](#)
- [Northwest Climate Science Center](#)
- [North Pacific LCC](#)
- [Great Basin LCC](#)
- [Great Northern LCC](#)
- [USDA Climate Hubs](#)
- [Northwest Climate Hub](#)
- [EPA Climate Change Programs](#)
- [Climate Adaptation Knowledge Exchange](#)
- [USDA Forest Service Climate Change Resource Center](#)

NEWSLETTERS AND CALENDARS

- [ITEP Newsletter](#)
- [ITEP Tribes and Climate Change Calendar](#)
- [NW Climate Magazine](#)
- [NW CSC Calendar](#)
- [North Pacific LCC Calendar](#)